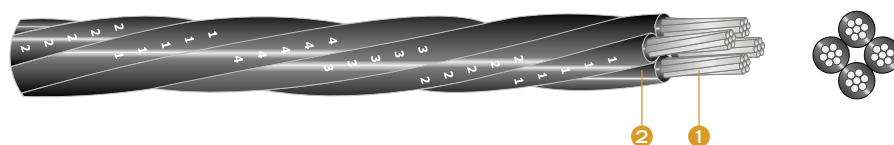


X00-A

0,6/1 kV XLPE insulated self supporting aerial cables



CONSTRUCTION

- ① **Conductor:** Al phase – conductor
- ② **Insulation:** XLPE

SPECIFICATION

Type	Standard
X00-A	JUS N.C5.250
NFA2X	HD 626 S1 P 4F
N1XD4-AR	HD 626 S1 P 4E

APPLICATION

These cables are intended for distribution in power grids for industry, towns, and street illumination. They are also connection cables for hanging on electric poles, consoles, walls, on both wooden and steel construction.

TECHNICAL DATA

Conductor construction details

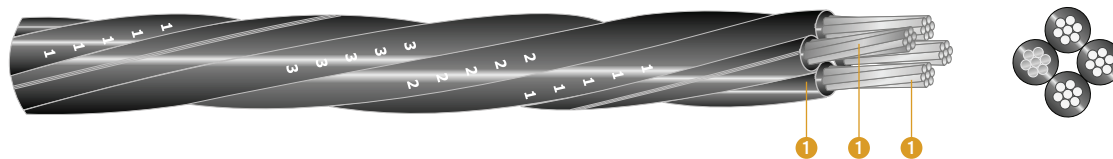
Nominal cross sectional area	Minimum number of strands	Overall conductor diameter (mm)		Length of lay	Maximal resistance of conductor at 20 °C	Insulation thickness	Diameter over insulation (mm)	
		min	max				min	max
Phase conductor								
16	7	4,6	5,1	95	1,91	1,2	7,0	7,8
25	7	5,8	6,3	115	1,20	1,4	8,6	9,4
35	7	6,8	7,3	136	0,868	1,6	10,0	10,9
50	12	7,9	8,4	158	0,641	1,6	11,1	12,0
70	12	9,7	10,2	118	0,443	1,8	13,3	14,2
95	19	11	12	258	0,32	1,8	14,6	15,7

Cable construction details

Type	Length of lay	Overall diameter (approx)	Net weight (approx)	Packing	
				m	No
X00-A 2 x 16	400	15,0	140	1000	9
X00-A 2 x 25	400	18,4	215	1000	13
X00-A 4 x 16	400	18,0	280	1000	11
X00-A 4 x 25	430	22,2	435	1000	13
X00-A 4 x 35	480	25,5	580	1000	14
X00-A 4 x 50	560	28,0	750	500	12
X00-A 4 x 70	640	32,0	1000	500	14
X00-A 4 x 95	720	38,5	1360	500	14

X00/0-A

0,6/1 kV XLPE insulated self supporting aerial cables



CONSTRUCTION

- ① **Conductor:** Al phase-conductor
- ② **Neutral conductor:** Compacted Aluminum Alloy
AlMgSi = 54,6 or 70 mm², AlMg1 = 71,5 mm², Al/Fe = 50/8 mm²
- ③ **Insulation:** XLPE

SPECIFICATION

Type	Standard
X00/0-A	JUS N.C5.250
N1XD9-AR	HD 626 S1 P 6E

APPLICATION

These cables are intended for distribution in power grids for industry, towns, and street illumination. They are also connection cables for hanging on electric poles, consoles, walls, on both wooden and steel construction.

TECHNICAL DATA

Conductor construction details

Nominal cross sectional area	Minimum number of strands	Overall conductor diameter (mm)		Length of lay	Maximal resistance of conductor at 20 °C	Insulation thickness	Diameter over insulation (mm)	
		min	max				min	max
Phase conductor								
35	7	6,8	7,3	136	0,868	1,6	10,0	10,9
50	12	7,9	8,4	158	0,641	1,6	11,1	12,0
70	12	9,7	10,2	118	0,443	1,8	13,3	14,2
Neutral conductor								
54,6	7	9,2	9,6	144	0,63	1,6	12,3	13,0
50/8	6+1	9,5	9,7	144	0,59	1,6	12,7	12,9
70	7	10	10,2	132	0,50	1,5	12,9	13,6
71,5	7	10,8	11,2	132	0,50	1,6	14,2	14,6

Cable construction details

Type	Length of lay	Overall diameter (approx)	Net weight (approx)	Packing	
				m	No
	mm	mm	kg/km		
X00/0-A 3 x 35+54,6	850	29,2	691	1000	15
X00/0-A 3 x 35+50/8	850	29,2	691	1000	15
X00/0-A 3 x 35+70	850	29,8	688	1000	15
X00/0-A 3 x 35+71,5	850	29,8	724	1000	15
X00/0-A 3 x 50+54,6	850	32,0	790	1000	15
X00/0-A 3 x 50+50/8	850	32,0	790	1000	15
X00/0-A 3 x 50+70	850	33,2	809	1000	15
X00/0-A 3 x 50+71,5	850	33,2	809	1000	15
X00/0-A 3 x 70+54,6	980	38,6	1019	500	14
X00/0-A 3 x 70+50/8	980	38,6	1019	500	14

Type	Length of lay	Overall diameter (approx)	Net weight (approx)	Packing	
	mm	mm	kg/km	m	No
X00/O-A 3 x 70+70	1000	38,6	1044	500	14
X00/O-A 3 x 70+71,5	1000	38,6	1074	500	14
X00/O-A 3 x 35+54,6+2 x 16	850	29,8	780	1000	15
X00/O-A 3 x 35+50/8+2 x 16	850	29,8	815	1000	15
X00/O-A 3 x 35+70+2 x 16	850	29,8	825	1000	15
X00/O-A 3 x 35+71,5+2 x 16	850	29,8	855	1000	15
X00/O-A 3 x 50+54,6+2 x 16	850	33,2	919	1000	15
X00/O-A 3 x 50+50/8+2 x 16	850	32,0	919	1000	15
X00/O-A 3 x 50+70+2 x 16	850	33,2	945	1000	15
X00/O-A 3 x 50+71,5+2 x 16	850	33,2	975	1000	15
X00/O-A 3 x 70+54,6+2 x 16	1000	37,5	1140	500	14
X00/O-A 3 x 70+50/8+2 x 16	1000	38,6	1150	500	14
X00/O-A 3 x 70+70+2 x 16	1000	41,0	1170	500	14
X00/O-A 3 x 70+71,5+2 x 16	1000	41,0	1208	500	14